

**GAS COMPRESSOR AND METHOD WITH AN IMPROVED
INLET AND DISCHARGE VALVE ARRANGEMENT**

Abstract of the Disclosure

A gas compressor and method according to which a plurality of inlet valve assemblies are angularly spaced around a bore. A piston reciprocates in the bore to draw the fluid from the valve assemblies during movement of the piston unit in one direction and compress the fluid during movement of the piston unit in the other direction and the valve assemblies prevent fluid flow from the bore to the valve assemblies during the movement of the piston in the other direction. A discharge valve is associated with the piston to permit the discharge of the compressed fluid from the bore.